

EXHAUST GAS PURIFYING FILTER WITH REINFORCED PERIPHERAL
AREA AND METHOD FOR MANUFACTURING THE SAME

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ABSTRACT OF THE DISCLOSURE

10 An exhaust gas purifying filter having a high
strength and an excellent efficiency of exhaust gas
purification and a method for manufacturing the same are
provided. An exhaust gas purifying filter 1 comprises a
ceramic honeycomb structure 2 having a surrounding wall
21, partition walls 22 provided in a honeycomb pattern
15 within the surrounding wall 21, and a plurality of cells
23 partitioned by the partition walls 22 and penetrating
through end faces 241, 242. If a virtual line 3 is drawn
on the end faces 241, 242 of the structure 2 by
continuously connecting points at a distance of 1.0 to
20 3.0 times the cell pitch in the direction toward the
center from an inner surface 211 of the surrounding wall
21, not less than 90% of a peripheral area 25 outside the
virtual line 3 is blocked with plug material 4.